

## 2015 ALABAMA INNOVATION FUND AWARDS

University/College Name	Principle Investigator	Award
Auburn University	Jeffrey Suhling	\$400,646
Project		Renewal Funding
Developing a High Performance Integrated Building Energy Systems Technologies (HPI-BEST) Research Program at AU		
Partner(s)	Discipline	
	Energy Research	
University/College Name	Principle Investigator	Award
University of Alabama	Brian Jordan	\$200,000
Project		Renewal Funding
Friction Stir Welding System		
Partner(s)	Discipline	
	Welding Technology	
University/College Name	Principle Investigator	Award
University of Alabama at Birmingham	Curtis Carver	\$500,000
Project		Renewal Funding
PetaByte Storage Array for UAB Research		
Partner(s)	Discipline	
	Cyber / Information Technology	
University/College Name	Principle Investigator	Award
University of Alabama at Birmingham	Jay Zhang	\$500,000
Project		Renewal Funding
Appointment of Dr. Jianyi "Jay" Zhange for Cardiovascular Research, Commercialization, and Economic Development		
Partner(s)	Discipline	
	Biomedical Research	
University/College Name	Principle Investigator	Award
University of Alabama at Huntsville	Kannan Grant	\$500,000
Project		Renewal Funding
Support for the UAH Invention to Innovation Center		
Partner(s)	Discipline	
	Technology Commercialization	
University/College Name	Principle Investigator	Award
University of South Alabama	K.T. Hsiao	\$253,635
Project		Renewal Funding

Expansion of Research Core for Next Generation Composite Materials Manufacturing

Partner(s) Discipline  
Materials Research and Manufacturing

University/College Name Principle Investigator Award  
HudsonAlpha A. Mackiewicz \$500,000  
Project Renewal Funding

Bioinformatics Program at HudsonAlpha Institute for Biotechnology

Partner(s) Discipline  
Bioinformatics

University/College Name Principle Investigator Award  
Auburn University Mark Liles \$250,000  
Project Research Funding

Probiotic and Vaccine Development to Benefit the AL Catfish Industry

Partner(s) Discipline  
Aquaculture

University/College Name Principle Investigator Award  
University of Alabama Luke Brewer \$181,480  
Project Research Funding

High Performance and Reliability of Al-Si-Cu Alloys for Automotive Engine Block Production in AL

Partner(s) Discipline  
Automotive Metalurgy

University/College Name Principle Investigator Award  
University of Alabama at Birmingham Dean Sicking \$250,000  
Project Research Funding

Development of a W-Beam Guardrail Terminal

Partner(s) Discipline  
Civil Engineering / Automotive Safety

University/College Name Principle Investigator Award  
University of Alabama at Birmingham Yogesh Vohra \$250,000  
Project Research Funding

Enabling Diamond-Based High Tech Industry in AL

Partner(s) Discipline  
Physics, Materials Science and Engineering

University/College Name Principle Investigator Award  
University of Alabama at Huntsville Phil Ligrani \$249,810

Project		Research Funding
Development of UAH TS/SS/WT (Transonic/Supersonic/Windtunnel) for Advanced Aerospace and Aeropropulsion Research		
Partner(s)	Discipline	
The Boeing Company	Aerospace Engineering / Fluid Dynamics	
University/College Name	Principle Investigator	Award
University of South Alabama	M. Alam	\$250,000
Project		Research Funding
Nephele: A Cloud Computing, Data Storage and Network Management System		
Partner(s)	Discipline	
Nfina Technologies, Inc.	Cyber / Cloud Computing	
University/College Name	Principle Investigator	Award
Southern Research Institute	R. Hergenrother	\$164,800
Project		Research Funding
Force-Induced Treadmill		
Partner(s)	Discipline	
Woodway USA, Inc	Medical Technology / Exercise Science	
	Total	\$4,450,371